

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 8, 17, 24, 31, and 38, such that the status of the claims is as follows:

1. (Currently amended) An occlusion device having a right end and having a left end that is insertable through a septal defect, the occlusion device comprising:

- a center post extending to the left end of the occlusion device;
- a ~~first~~ right occluding body comprising a first plurality of arms attached to the center post at radially innermost ends;
- a ~~second~~ left occluding body comprising a second plurality of arms attached to the center post at radially innermost ends, the left occluding body being located closer to the left end of the occlusion device and the right occluding body being located closer to the right end of the occlusion device;
- a plurality of puller arms attached to the ~~first~~ right occluding body for collapsing the first right occluding body from a radially open state to a radially collapsed state, the puller arms being located on a right side of the right occluding body;
- a floating center located at ~~a proximal~~ the right end of the occlusion device and connected to the puller arms at a position ~~proximal to~~ to the right of both the first right and second left occluding bodies; and
- a grasping knob located on ~~the proximal end of~~ the floating center, wherein the floating center is positioned adjacent the center post when the first right occluding body is in its radially open state, and is movable away to the right from the center post by force applied to the grasping knob in a ~~proximal~~ direction to the right to cause the puller arms to radially collapse the ~~first right~~ right occluding body.

2. (Original) The mechanism of claim 1 wherein the puller arms are constructed of nickel titanium.
3. (Original) The mechanism of claim 1 wherein an angle between adjacent puller arms is between about 5° and about 180°.
4. (Canceled)
5. (Previously presented) The mechanism of claim 1 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center post.
6. (Previously presented) The mechanism of claim 1 wherein the floating center is constructed of platinum-iridium.
7. (Previously presented) The mechanism of claim 1 wherein the center post is constructed of platinum-iridium.
8. (Currently amended) A septal occlusion device having a right end and having a left end insertable through a septal defect, the septal occlusion device comprising:
first right and second left occluding bodies comprising first right and second left collapsible support frames, respectively, each support frame comprising a plurality of support arms attached at radially innermost ends to a center section which extends to a distal left end of the occlusion device, the first right occluding body positioned proximal to the right of the left second occluding body, the left occluding body being insertable in a radially collapsed state through a septal defect so that when the septal occlusion device is deployed within a heart of a patient to close a septal defect in the

heart, the right occluding body is located in a right chamber of the heart and the left occluding body is located in a left chamber of the heart;
a plurality of puller arms attached to the first right occluding body;
a floating center positioned ~~proximal~~ to the right of both the first right and second left occluding bodies, the center section and the plurality of puller arms; and
a grasping knob located on ~~the proximal end of~~ the floating center at the right end of the septal occlusion device, which, when pulled away ~~in a proximal direction to the right~~ from the center section, pulls the puller arms to collapse the ~~first right~~ collapsible support frame from a radially open state to a radially collapsed state.

9. (Original) The device of claim 8 wherein the arms are constructed of nickel titanium.

10. (Original) The mechanism of claim 8 wherein an angle between adjacent puller arms is between about 5° and about 180°.

11. (Canceled)

12. (Previously presented) The device of claim 8 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center section.

13. (Previously presented) The device of claim 8 wherein the floating center is constructed of platinum-iridium.

14. (Previously presented) The device of claim 8 wherein the center section is constructed of platinum-iridium.

15. (Previously presented) The device of claim 8 wherein the support frames each comprise a wire hoop attached to radially outermost ends of the plurality of support arms.

16. (Original) The device of claim 15 wherein the support arms are constructed of stranded wire.

17. (Currently amended) An occlusion device having a right end and a left end, the left end being insertable through a septal defect, the occlusion device comprising:

a center section extending in an axial direction to ~~a distal~~ the left end of the occlusion device;

right and left elastic shape memory fixation devices each comprising a plurality of arms attached to the center section at radially innermost ends such that each fixation device extends radially outward from the center section;

right and left sheets attached to the right and left fixation devices, respectively so that the left sheet is closer to the left end of the closure device, and the right sheet is closer to the right end of the closure device;

a plurality of puller arms connected to the right fixation device, the puller arms being positioned on a right side of the right fixation device;

a floating center positioned ~~proximal~~ to the right of the center section and to the right of both the left and right sheets, and connected to the puller arms; and

a grasping knob located on ~~the proximal end of~~ the floating center at the right end of the occlusion device, which, when pulled away ~~in a proximal direction~~ from the center section, pulls the puller arms to collapse the right fixation device, and right sheet from a radially open state to a radially collapsed state.

18. (Original) The occlusion device of claim 17 wherein the arms are constructed of nickel titanium.

19. (Original) The mechanism of claim 17 wherein an angle between adjacent puller arms is between about 5° and about 180°.

20. (Canceled)

21. (Previously presented) The occlusion device of claim 17 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center section.

22. (Previously presented) The occlusion device of claim 17 wherein the floating center is constructed of platinum-iridium.

23. (Previously presented) The occlusion device of claim 17 wherein the center section is constructed of platinum-iridium.

24. (Currently amended) An occlusion device for occluding a septal defect, the occlusion device having a right end and having a left end insertable through the septal defect, the occlusion device comprising:

a center post extending to ~~a distal~~ the left end of the occlusion device;

a ~~first~~ right occluding body comprising a first plurality of arms attached to the center post at radially innermost ends such that the ~~first~~ right occluding body extends radially outward from the center post, and a first sheet attached to the first plurality of arms;

a ~~second~~ left occluding body comprising a second plurality of arms attached to the center post at radially innermost ends such that the ~~second~~ left occluding body extends radially outward from the center post, and a second sheet attached to the second plurality of arms;

a plurality of puller arms connected to the first right occluding body and positioned to the right of the right occluding body;

a floating center positioned ~~proximal~~ to the right of both the first right and ~~second~~ left occluding bodies, the center post, and to the right of the plurality of puller arms; and

a grasping knob located ~~on the proximal end of~~ at the right end of the occlusion device and connected to the floating center ~~which so that, when the grasping knob and floating center are pulled away in a proximal direction from the center post, the floating center pulls the puller arms to collapse the first right occluding body from a radially open state to a radially collapsed state.~~

25. (Original) The occlusion device of claim 24 wherein the arms are constructed of nickel titanium.

26. (Original) The mechanism of claim 24 wherein an angle between adjacent puller arms is between about 5° and about 180°.

27. (Canceled)

28. (Previously presented) The occlusion device of claim 24 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center post.

29. (Previously presented) The occlusion device of claim 24 wherein the floating center is constructed of platinum-iridium.

30. (Previously presented) The occlusion device of claim 24 wherein the center post is constructed

of platinum-iridium.

31. (Previously presented) An occlusion device for the closure of a physical anomaly, the occlusion device having a right end and having a left end that is insertable through the physical anomaly, the occlusion device comprising:

- a center post ~~having distal and proximal ends, the center post~~ extending to a ~~distal~~ the left end of the occlusion device;
- a first right set of support arms attached at radially innermost ends to the center post such that the first right set of support arms extends radially outward from the ~~proximal end of the~~ center post;
- a first right sheet attached to the first set of support arms;
- a ~~second left~~ set of support arms attached at radially innermost ends to the center post such that the ~~second left~~ set of support arms extends radially outward from ~~the distal end of the~~ center post;
- a ~~second left~~ sheet attached to the second set of support arms;
- a floating center located ~~on the proximal~~ at the right end of the device, ~~proximal to~~ the right of the center post, the first right and ~~second left~~ sets of support arms and the first right and ~~second left~~ sheets;
- a grasping knob located on a ~~proximal end of the~~ floating center; and
- a plurality of puller arms attached to the floating center and first set of support arms which radially collapse the first right set of support arms and the first right sheet when the grasping knob is pulled away in a ~~proximal~~ right direction from the center post.

32. (Original) The occlusion device of claim 31 wherein the arms are constructed of nickel titanium.

33. (Original) The mechanism of claim 31 wherein an angle between adjacent puller arms is

between about 5° and about 180°.

34. (Canceled)

35. (Previously presented) The occlusion device of claim 31 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center post.

36. (Previously presented) The occlusion device of claim 31 wherein the floating center is constructed of platinum-iridium.

37. (Previously presented) The occlusion device of claim 31 wherein the center post is constructed of platinum-iridium.

38. (Currently amended) An occlusion device having a right end and having a left end that is insertable through a septal defect, the occlusion device comprising:

- a ~~first~~ right collapsible support frame comprising a plurality of arms;
- a ~~second~~ left collapsible support frame comprising a plurality of arms;
- a center post attached to radially innermost ends of the ~~first~~ right and ~~second~~ left support frames and extending to ~~a distal~~ the left end of the occlusion device;
- a ~~first~~ right sheet attached to the ~~first~~ right collapsible support frame;
- a ~~second~~ left sheet attached to the ~~second~~ left collapsible support frame, the left sheet being closer to the left end of the occlusion device and the right sheet being closer to the right end of the occlusion device;
- a plurality of puller arms attached to the ~~first~~ right support frame and located to the right of the right support frame;
- a floating center located at ~~a proximal~~ the right end of the occlusion device, ~~proximal~~

~~to~~ and located to the right of the center post, the first right and second left support frames and the first right and second left sheets; and
a grasping knob located on ~~the proximal end of~~ the floating center, which, when pulled to the right away ~~in a proximal direction~~ from the center post, ~~engages~~ causes the puller arms to collapse the first right collapsible support frame from a radially open state to a radially collapsed state.

39. (Original) The occlusion device of claim 38 wherein the arms are constructed of nickel titanium.

40. (Original) The mechanism of claim 38 wherein an angle between adjacent puller arms is between about 5° and about 180°.

41. (Canceled)

42. (Previously presented) The occlusion device of claim 38 wherein the floating center comprises an axially extending groove which reversibly connects with an axially extending pin extending from the center post.

43. (Original) The occlusion device of claim 38 wherein the floating center is constructed of platinum-iridium.

44. (Previously presented) The occlusion device of claim 38 wherein the center post is constructed of platinum-iridium.